

INTERNATIONAL SEARCH REPORT

International Application No
PCT/RU2004/000036

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 H04L25/02 H04B3/32 H04L1/06

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
 IPC 7 H04L H04B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC, COMPENDEX

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2003/003880 A1 (LING FUYUN ET AL) 2 January 2003 (2003-01-02) paragraph '0078! paragraph '0081! paragraph '0091! – paragraph '0098!	1-3, 5-16, 18
A	-----	4, 17
A	US 2002/131537 A1 (SKAFIDAS EFSTRATIOS ET AL) 19 September 2002 (2002-09-19) abstract paragraph '0007! paragraph '0013! – paragraph '0014! paragraph '0039! paragraph '0089! claim 1 ----- -/-	1-18

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

° Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
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- *O* document referring to an oral disclosure, use, exhibition or other means
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T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

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Date of the actual completion of the international search

Date of mailing of the international search report

23 November 2004

06/12/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Reilly, D

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>SCHMUCKING D ET AL: "Crosstalk cancellation for hybrid fiber twisted-pair systems" GLOBAL TELECOMMUNICATIONS CONFERENCE, 1996. GLOBECOM '96. 'COMMUNICATIONS: THE KEY TO GLOBAL PROSPERITY LONDON, UK 18-22 NOV. 1996, NEW YORK, NY, USA, IEEE, US, 18 November 1996 (1996-11-18), pages 783-787, XP010220031 ISBN: 0-7803-3336-5 the whole document</p> <p style="text-align: center;">-----</p>	1-18

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/RU2004/000036

Patent document cited in search report	Publication date	Patent family member(s)			Publication date
US 2003003880	A1 02-01-2003	US 2002191703 A1	EP 1371147 A2	WO 02078211 A2	19-12-2002 17-12-2003 03-10-2002
				US 2004165558 A1	26-08-2004
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US 2002131537	A1 19-09-2002	WO 02060143 A2			01-08-2002
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